

Agenda (Final)

**National Earthquake Prediction Evaluation Council (NEPEC)**

**Briefing on Slow Earthquakes and Warning Issues in Cascadia**

Friday, May 18, 2007.

Portland State Office Building, Portland, Oregon  
800 NE Oregon Street (Lloyd District), 1<sup>st</sup> floor, Room 1D

- 8:30am Continental breakfast
- 8:45 Welcome Vicki McConnell, DOGAMI  
Introductions, NEPEC business, purpose of NEPEC Jim Dieterich
- 9:00 Panel: Scientific understanding of Episodic Tremor and Creep (ETS) and  
megathrust earthquakes (10-minute presentations)  
Moderator: Evelyn Roeloffs, USGS
- ETS observations and hazard implications Stephane Mazzotti, GSC
  - Aseismic slip in Cascadia David Schmidt, University of Oregon
  - Distribution of tremor and slip Richard Allen, UC Berkeley
  - Seismological considerations John Vidale, University of Washington
  - GPS monitoring Tim Melbourne, Central Washington Univ.
  - Monitoring slow slip with PBO strainmeters Evelyn Roeloffs, USGS
  - Japan Tokai earthquake prediction plan Bill Ellsworth, USGS
- 10:30 *Break*
- 10:45 Panel discussion with NEPEC, followed by questions and comments from the audience
- 11:45 *Lunch*
- 1:15 Panel: Emergency response and communications (10-minute presentations)  
Moderator: Vicki McConnell, DOGAMI
- Public education issues Lori Dengler, Humboldt State Univ.
  - ETS, emergency organizations and the media Garry Rogers, GSC
  - Oregon State concerns and experience Jay Wilson, Oregon State EMD
  - California State concerns and experience Mike Reichle California CGS
  - Coastal Cascadia concerns and experience Tom Manning, Tillamook County
  - NEIC capabilities and Cascadia earthquakes David Wald, USGS
- 3:00 *Break*
- 3:15 Panel discussion with NEPEC
- 4:30 Questions and comments from the audience
- 5:00 *Adjourn*

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**Meeting**

Saturday, May 19, 2007.

Double Tree Hotel, Lloyd Center, 1000 NE Multnomah Portland, Oregon

8:00 Convene, discuss agenda

NEPEC discussion of previous day's findings, recommendations  
for the USGS, writing assignments

Jim Dieterich

Discussion of revised NEPEC prediction guidelines document

Mike Blanpied

Updates:

- WGCEP 2007
- National Seismic Hazard Maps
- California Institute for Hazards Research
- M8/MSc and RTP algorithms
- CEPEC

Bill Ellsworth  
Mike Blanpied  
Jim Dieterich  
Bill Ellsworth  
Mike Reichle, CGS

Setting time, place and topics for next meeting

11:00 *Adjourn*

## **MEETING PARTICIPANTS**

### **NEPEC:**

Dr. Jim Dieterich, University of California, Riverside (Chair)  
Dr. Dave Applegate, USGS, Reston (Co-chair)  
Dr. Göran Ekström, Columbia University  
Dr. William Ellsworth, USGS, Menlo Park  
Dr. David Jackson, University of California, Los Angeles  
Dr. Barbara Romanowicz, University of California, Berkeley {will not attend}  
Dr. Bruce Shaw, Columbia University  
Dr. Wayne Thatcher, USGS, Menlo Park {will not attend}  
Dr. Jeroen Tromp, California Institute of Technology {will not attend}  
Dr. Robert Wesson, USGS, Golden  
Dr. Mary Lou Zoback, USGS, Menlo Park

Dr. Michael Blanpied, USGS, Reston (Exec. Sec'y)

### **Workshop Organizers:**

Dr. Evelyn Roeloffs, USGS, Vancouver, WA  
Dr. Vicki McConnell, Oregon State Geologist, DOGAMI

### **Invited Speakers:**

Dr. Richard Allen, University of California, Berkeley  
Dr. Lorinda Dengler, Humboldt State University  
Mr. Tom Manning, Tillamook County Emergency Management  
Dr. Stephane Mazzotti, Geological Survey of Canada  
Dr. Tim Melbourne, Central Washington University  
Dr. Mike Reichle, California Geological Survey and CEPEC Vice-Chair  
Dr. Garry Rogers, Geological Survey of Canada  
Dr. David Schmidt, University of Oregon  
Dr. John Vidale, University of Washington  
Dr. David Wald, USGS, Golden, Colorado  
Mr. Jay Wilson, Oregon Emergency Management

### **Meeting Assistance:**

Ms. Joyce Costello, USGS, Reston